

SPIRENT PROFESSIONAL SERVICES

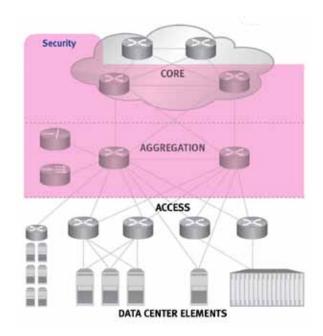
SECURITY ASSESSMENT SERVICES

How Much Risk Is Acceptable? Research presented at a recent SANS conference revealed that companies who fail to get their online financial operations back up within 72 hours of a service failure may **never** recover as a business.

Launching any new service involves risk, especially if you don't have the right information for making the right choices. The variables behind vendor selection, network design and effective network implementation all carry inherent and costly risks. One wrong turn can result in serious problems. Can you afford that?

Spirent's Professional Services provides the vital counsel you need to assure the service you are launching performs exactly as you planned.

- Choose the exact network configuration you need
- Target and address crippling service issues before implementation
- Avoid delays, cost overruns, slow performance and future failures
- Implement new technologies with confidence
- Increase your competitive advantage



TEST SECURITY SOLUTIONS, AVOID FAILURES

Security continues to be a top concern for enterprises. The steady stream of headlines publicizing the latest security breach confirms that many organizations are still not responding effectively to the challenge. Spirent helps you overcome the challenge.

Spirent's expert test engineers work with you to validate the performance and reliability of your network security infrastructure. We customize and employ specialized methodologies, along with our award-winning Avalanche and ThreatEx test systems, to assess your firewall and give you peace of mind.

When to Test

Security Assessments are recommended in the following situations:

- During vendor selection
- Intial deployment with your current network design
- During network consolidation
- For validation prior to device deployment
- During security platform, system and software upgrades and patches

On DEMAND
ON SITE TESTING

After a network security attack

OnDEMAND Security Packaged Test Services

- Package 1 Security: Attack Detection; Evasion; Denial of Service (DoS); Worm Outbreak; Performance while under attack
- Package 2 Security & Application performance: Security Testing (Package 1); Connections per second; Concurrent Connections; Bandwidth; Failover/High Availability

Custom Security Assessment Solution Components

 Network devices tested include: router, firewall, load balancer, SSL accelerator, packet shaper, e-mail gateway,

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- spam filter, intrusion prevention system, intrusion detection system, WAN accelerator
- Sample tests include: performance during DoS attack, spam filtering ability, system failover performance and reliability, load balancing policy performance, IP fragmentation, signaturebased attacks, max. TCP connection rate, max. concurrent TCP connections, max. HTTP transaction rate, max. bandwidth

Security Assessment Benefits

- Acquire critical data on your security infrastructure, including performance and security under load and under attack
- Obtain accurate evaluation of the points of failure, as well as reliability, performance and scalability issues of your firewall or IDS/IPS
- Get invaluable data on unexpected vulnerabilities by DoS and signature-based attacks
- Assure firewall reliability

OUR CUSTOMERS

Spirent has been a pioneer since the advent of network testing and has provided services to customers from a broad range of industries. These varied business sectors include telecommunications and wireless service providers, network equipment manufacturers, petroleum, education, the media, financial institutions and stock exchanges, technology enterprises and publishing giants. Spirent also services the US government which includes military and space agency projects.

SPIRENT EXPERTISE

Spirent provides services expertise for all major communications vendors. Our test methodology and automation experts include IETF engineers and RFC authors who have developed many of the industry's acclaimed benchmarks. They help define standards and performance tests for dozens of industry forums and standards bodies.

PROFESSIONAL SERVICES SOLUTIONS

Maximizing Productivity:

- NoCode Lab and Test Automation Solutions
- Regression Testing:
 - Automated DSL
 - Cable
 - PON
 - IPTV
 - MPLS VPN

UMA Test Automation

Risk Mitigation

- Data Center
 - Network Testing
 - Collaboration & Applications
 - Network Defense Security
 - Virtualization
 - Cloud Computing
- IT Initiatives
 - VoIP Assessment
 - IPTV Performance
 - WAN Optimization
 - E-Commerce Web Performance
 - VPN Scalability
 - DMZ Architecture
 - CCTV over IP
- 3G/4G Wireless Performance

SERVICE DELIVERY PROCESS

The primary elements of Spirent's highly-acclaimed world class service delivery process are:

- **Discover:** Gather requirements; perform Gap Analysis
- Define: Create Statement of Work; present roadmap and resources, illustrate ROI
- Develop: Develop test cases; write scripts; develop code
- Deliver: Deploy test engineers; manage project; measure and report
- Debrief: Refine service optimization; assure customer needs, expectations are met



CONTACT US

Don't wait until your project has already begun, or worse, when you are behind schedule. Contact Spirent now and enlist our Professional Services team to streamline your project. Let our experts help you improve operational productivity and accelerate your time-to-market. Call your Spirent sales representative or visit us on the Web at www. spirent.com/GS.

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